AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

16. (Amended) A decoder for decompressing a compressed video signal, the compressed video signal containing entropy encoded data representing a set of video spatial frequency coefficients of an individual sub-block which have been scanned using a selected one of a plurality of different scanning patterns to produce a set of reordered coefficients, and also containing a scanning mode signal indicating the selected one of the plurality of different scanning patterns, the decoder comprising:

an entropy decoder operative to decode the entropy encoded data, said entropy encoded data being Huffman coded, and to output entropy decoded data; and

a scanner operative to scan the entropy decoded data according to the one selected pattern of the plurality of different scanning patterns as indicated by the scanning mode signal.

21. (Amended) The decoder according to claim 17, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

28. (Amended) The decoder according to claim 25, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

32. (Amended) A decoding apparatus for decoding a coded data signal which includes entropy encoded data representing a set of video spatial frequency coefficients of an individual sub-block, the set of video spatial frequency coefficients having been reordered from an original order according to a scanning pattern selected from a plurality of scanning patterns, the coded

data signal also including a scanning mode signal indicating the selected scanning pattern, the decoding apparatus comprising:

an entropy decoder which entropy decodes the entropy encoded data, said entropy encoded data being Huffman coded, to produce entropy decoded data; and

a scanning unit which receives the entropy decoded data and returns the set of video spatial frequency coefficients of an individual sub-block to the original order according to the selected scanning pattern indicated in the scanning mode signal.

Cancel claim 36.

44. (Amended) The method of claim 40, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

48. (Amended) A method of decoding a coded data signal which includes entropy encoded data representing a set of video spatial frequency coefficients of an individual sub-block, the set of video spatial frequency coefficients having been reordered from an original order according to a scanning pattern selected from a plurality of scanning patterns, the coded data signal also including a scanning mode signal indicating the selected scanning pattern, the method comprising:

entropy decoding the entropy encoded data to produce entropy decoded data, said entropy encoded data being Huffman coded, to produce entropy encoded data; and

scanning the entropy decoded data and returning the set of video spatial frequency coefficients of an individual sub-block to the original order according to the selected scanning pattern indicated in the scanning mode signal.

Cancel claim 52.

Cancel claim 56.

61. (Amended) The decoder according to claim 57, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

68. (Amended) The decoder according to claim 65, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

72. (Amended) A decoding apparatus for decoding a coded data signal which includes entropy encoded data representing a set of video spatial frequency coefficients of an individual sub-block, the set of video spatial frequency coefficients having been changed from a state according to a scanning pattern selected from a plurality of scanning patterns, the coded data signal also including a scanning mode signal indicating the selected scanning pattern, the decoding apparatus comprising:

an entropy decoder which entropy decodes the entropy encoded data to produce entropy decoded data; and

a scanning unit which receives the entropy decoded data and returns the set of video spatial frequency coefficients of an individual sub-block to the state according to the selected scanning pattern indicated in the scanning mode signal.

76. (Amended) The decoding apparatus according to claim 72, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

84. (Amended) The method of claim 80, wherein the entropy encoded data is encoded according to a Huffman encoding regime.

88. (Amended) A method of decoding a coded data signal which includes entropy encoded data representing a set of video spatial frequency coefficients of an individual sub-

block, the set of video spatial frequency coefficients having been changed from a state according

to a scanning pattern selected from a plurality of scanning patterns, the coded data signal also

including a scanning mode signal indicating the selected scanning pattern, the method

comprising:

entropy decoding the entropy encoded data to produce entropy decoded data; and

scanning the entropy decoded data and returning the set of video spatial frequency

coefficients of an individual sub-block to the state according to the selected scanning pattern

indicated in the scanning mode signal.

92. (Amended) The method of claim 88, wherein the entropy encoded data is encoded

according to a Huffman encoding regime.